

FEB 05 1982

MATERIAL SAFETY DATA SHEET

Adapted and modified from USDL Form OSHA-20

Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act and shall not be used for any other purpose. Use or dissemination of all or any part of this information for any other purpose may result in a violation of law or constitute grounds for legal action.

SECTION I

MANUFACTURER'S NAME

INDUSTRIAL POLYCHEMICAL SERVICE

EMERGENCY TELEPHONE NO.

213-321-6515

ADDRESS (Number, Street, City, State, and ZIP Code)

P.O. Box 471, 17116 So. Broadway, California 90247

CHEMICAL NAME AND SYNONYMS

Solvent Cement for ABS Plastic Pipe

TRADE NAME AND SYNONYMS

WELD-ON 1707 ABS Solvent Cement

CHEMICAL FAMILY

Resin-ABS and Solvent-Ketone

FORMULA

NA

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST None			ALLOYS		
VEHICLE * ABS resin (Natural color) < 25		-	METALLIC COATINGS		
SOLVENTS Methyl Ethyl Ketone > 75		200	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
* Acrylonitrile Butadiene Styrene					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.) Solvent - MEK	175.2	SPECIFIC GRAVITY (H ₂ O=1) Typical	0.870±0.006
VAPOR PRESSURE (mm Hg.) @ 20°C	71.2	PERCENT VOLATILE BY VOLUME (%) Approx.	90%
VAPOR DENSITY (AIR=1)	2.5	EVAPORATION RATE (BUAC =1)	5.7
SOLUBILITY IN WATER (of Solvent @ 20°C)	27.1		
APPEARANCE AND ODOR Milky, translucent, medium syrupy liquid - Ketone odor			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) (T.O.C.) 30°F	FLAMMABLE LIMITS	LeI	UeI
		1.8	10.0
EXTINGUISHING MEDIA Dry chemical, Carbon Dioxide or foam type			
SPECIAL FIRE FIGHTING PROCEDURES Cloud or confined quarters require self-contained breathing apparatus. Positive pressure hose mask or airline mask			
UNUSUAL FIRE AND EXPLOSION HAZARDS Considered fire hazard because of low flash point.			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

200 PPM

EFFECTS OF OVEREXPOSURE

Severe over exposure may, result in nausea, dizziness, headache, can cause narcosis, irritation of eyes and nasal passages-normal defatting effect of solvents on tissue.

EMERGENCY AND FIRST AID PROCEDURES

VAPOR: Remove to fresh air. LIQUID: Remove contaminated clothing and wash skin with water. Flush eyes with plenty of water for 15 minutes-call physician - if swallowed, induce vomiting, CALL PHYSICIAN IMMEDIATELY.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

Keep away from heat, sparks & flame.

STABLE

X

INCOMPATIBILITY (Materials to avoid)

Ammonia, Caustic, Inorganic acid, Isocyanates

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

None

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Eliminate all ignition source - avoid

breathing of vapor - keep liquid out of eyes. Flush with large volume of water.

WASTE DISPOSAL METHOD

Incinerate - Excessive quantities should not be permitted to enter drains where there is a danger of vapor becoming ignited.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) None require with normal ventilation. Use respirator for organic vapor, very confined areas, e.g. Mine Safety Appliance-respirator Cat. No.

VENTILATION

LOCAL EXHAUST

(Preferable) Provide normal ventilation

SPECIAL

459433,

MECHANICAL (General)

Low Point - 6 air changes per hour.

OTHER

PROTECTIVE GLOVES

Rubber

EYE PROTECTION

Chemical safety goggles to prevent splashing in eyes.

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep away from heat, spark and open flame. Use with adequate ventilation. Avoid prolonged breathing of vapor. Avoid contact with skin and eyes. Store between 40° and 110°F. See precautions on container label also.

OTHER PRECAUTIONS

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

Vendor assumes no responsibility for injury to vendee or third person proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.